

**I CLAIM;**

**.31 . An Electronic Commerce System for procuring goods/services by a number of users within an organization having purchasing requirements, from a number of vendors, with a one page electronic purchasing document collectively replacing individual paper and electronic purchase requisitions, purchase orders, and vendors acknowledgements, shipping notices, invoices, and statements, successively serving their identical functions, making payments to the vendor's bank without individual participation within the purchaser's organization, with reliance on electronic purchaser's systems, originating from PC computers, to introduce the selected One Page document , serving these functions, through intranet and internet communications, progressively moving the document to the next participant by clicking a button on the user's computer and following each step by workflow interface to recognize actions completed, verifications completed, actions needed, and sending the document to the next action location, coupled with a time schedule for each action, and a follow up system, controlled by computer servers and work stations. within the framework of a total overall electronic system over a computer network consisting of:**

**three electronic support systems, one for resourcing functions "Purchase Resources", selected on PC's from resource servers using data from a plurality of vendors to assist the user in meeting requirements, accessing one of three order forms, identifying needs, and completing the forms, including a work sheet if required, another, "Purchase Tracking and Action System (PTA)"for controlling the purchasing action, working through (PTA) servers or work stations within the said computer network, and the third, " Vendors Payment Computer System (VPS) for the treasurer's functions controlling payments, accounting, banking relations, security and auditing needs, using shadow PC's, VPS servers and work stations, with these systems established upon the foundations of such available software applications as, Supply Chain, Enterprise Resource Planning, Business Process Management, Database Management/Warehouse, Document Management, Finance/Performance Management, Asset Management, and other software applications.and upon which the following programs would be put in operation and maintained:**

**means of requirer using purchasing resources to identify items needed, as to whether new, or replacement, percentage of expected time use, and if to be expensed or capitalized;**

**means of requirer using purchasing resources to match needs against organization's criteria for purchasing, including policies, and procedures, justification requirements, funds available, and intra organization alternative sources;**

**means of requirer using purchasing resources to select products and vendor, including names of vendors, display and d scription of products, prices and terms, shipping data, contacts and receiving locations;**

means of requirer choosing type of ordering system to be used, determined by size of order, type of need and authorizations needed, namely (1) Purchase Short Order (PSO) for those under a specified amount of money, (2) Purchase Document (PD) for those over the specified amount of money, and (3) purchases under contract with vendor, (CP);

said requirer having means to prepare order in full, including showing the amounts and accounts to be charged for the purchase;

said requirer having means to arrange payment schedule with vendor, securing vendor's bank account number to make deposits, and exact amount of the total order before ordering;

said PSO requirer having means to send order directly to the vendor, securing order into the PTA system;

jMeans of PTA data bank setting up order by number, vendor, data due and follow up with recall availability;

said PD requirer having means of completing order in full, securing initial approval and sending PD to purchasing department for approval and processing;

said purchasing department having means to enter PD and worksheet into the PTA system, sending the PD to the vendor;

said CP requirer having means of completing order in full, completing CLP and contract worksheet and sending CP to the vendor;

means of entering CP into the computer network and data bank,

means of any order participant to recognize changes necessary in order by clicking designated space on order form to evidence change form on monitor for necessary action to take;

means of change form to be directed to order requirer for necessary action;

means of vendor acknowledging acceptance of order by entry of invoice number on order where designated and possibly use a form of electronic signature on order form, electronically returning it to PTA;

means of PTA notifying receiver of item to expect receipt and date expected;

**Claims amended April 24, 2004 for Pat. App. No. 09/945,467, with Claim No. 31**

**means of vendor attaching label to item package showing order and invoice numbers, for shipment;**

**means of item receiver in purchasing organization using hand held computer to recognize order and securing view of contents of order;**

**means of item receiver verifying receipt of each item listed by clicking on designated spots in the order;**

**means of the PTA getting electronic notice of satisfactory order, electronically signed receipt and advising original order placer;**

**means of original order placer acknowledging receipt by electronic signature;**

**means of PTA updating its files on order completed, recording order number, date, amount of order and invoice number and listing summary on cumulative unpaid file for vendor;**

**means of PTA adding the amount of this order to the total 12 months to date purchases from this vendor, with dates and amounts;**

**means of PTA transmitting amount of order, order and invoice numbers, date order received and date payment due, to VPS;**

**means of PTA to accumulate vendor payments due by scheduled due dates, grouped by orders received from a vendor related to credit terms agreed to;**

**means of PTA electronically providing purchaser's bank with continuous listing of vendor's banks to be paid with their account numbers and amounts;**

**means of VPS controlling the flow of cash through a cash flow system whereby orders and deliveries are coordinated with dates of orders placed and delivered, related to cash available;**

**means of purchaser's bank Emailing VPS a daily listing of payments made to vendors with a report on cash activity and cash balances in the special payment account, maintained by cash transfers from other purchaser's bank accounts;**

**Means of security and audit control on these payment activities;**

**Means of VPS making necessary accounting entries for the payments and cash transactions;**

means of VPS Emailing monthly statements to vendors showing payments, identified with order and invoice numbers, with amounts;

means of VPS reporting to PTA on daily basis of payment transactions with vendors;

means of PTA to place these purchasing actions in memory banks and storage;

means of PTA and VPS to provide management and operations with necessary reports to serve their functional needs; and

means of VPS to provide necessary information to conduct security and audit examinations.

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